

HRUBCOVA, M.; BOUDYS, VL.

Contribution to the problem of the effect of the living and working environment on the appearance and development of ischemic heart disease. Acta univ. carol. [med.] Suppl. 14:477-486 '61.

1. Ustav organisace zdravotnictvi fakulty vseobecneho lekarstvi
University Karlovy v Praze, prednosta prof. dr. V. Prosek
Konstantinovy Lazne, vedouci lekar dr. VL. Boudys.
(MYOCARDIAL INFARCT etiol) (ENVIRONMENT)

BOUJNAH, Ali, doktor (Tunis)

Control of malaria in Tunis. Med. paraz. i paraz. bol. no.2:
166-168 '62. (MIRA 15:7)

(~~TUNIS~~ ~~MALARIA~~ ~~PREVENTION~~)

BOUKAL, Jiri, MUDr.

Development of medical documentation in Czechoslovakia. Cesk. zdravot.
5 no.6:306-308 June 57.

1. Ministerstvo zdravotnictvi.
(PUBLIC HEALTH, statistics,
(Cs))
(RECORDS, MEDICAL,
(Cs))

BOUKAL, J., MUDr.; DOLEJSI, V.

Medical documentation at a polyclinic. Cesk. zdravot. 5 no.6:317-321
June 57.

1. Ministerstvo zdravotnictví.
(RECORDS, MEDICAL
in polyclinics (Cs))

MODR, Z., MUDr.; PARTIS, J., PHMR.; BOUKAL, J., MUDr.; DOBRY, E., MUDr.

Problems of objective drug prescription. Cesk. zdravot. 7 no.9:
518-532 Oct 59.

1. Interni katedra UDL Praha, Lekarsky Odbor, Lcebne preventivni
odbor ministerstva zdravotnictvi, Vyskumny ustav hematologie a krevni
transfuzi.

(PRESCRIPTIONS)

Boukal, J. (Dr.)

5

Country: Czechoslovakia
Academic Degree: MD
Affiliations:
Employment: Usti nad Labem
Source: Prague, Ročník v Tuberkulóze a v Nemocích Plicních, No 5, May 61, p 375
Data: Review of "Medical Statutes," by Dr K. CÍŽEK, Dr J. BOUČEK, Dr L. HILKA,
and Dr H. POKOR. Prague, 1960. State Medical Publishing House (Státní zdravot-
nické nakladatelství).

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BOUSKA, J. , MUDr.; BOUKAL, J., MUDr.

Problems of a complex network of health institutions. Cesk. zdrav.
13 no.3:97-108 Mr'65.

1. Namestek ministra zdravotnictvi (for Bouska). 2. Zdravotnický
odbor UV KSC (for Boukal).

BOUKAL, J., MUIr.

Economics in the Yugoslav public health. Cesk. zdrav. 13 no.7/8:
399-407 Ag '65.

BOUKAL, J., MUDr.; PICK, J., MUDr.

Experiences with enlarging the perspective network of health institutions in the eastern Bohemian region. Cesk.zdrav. 11 no.10:427-442 0 '63.

1. Ministerstvo zdravotnictvi (for Boukal). 2. Odbor zdravotnictvi Vychodoceškeho KNV (for Pick).

- BOUKAL, J., MUDr.

Our public health before the elections. Cesk. zdrav. 12 no.4:
149-156 Ap'64.

1. Zdravotnický odbor UV KSC [Ustřední výbor komunistické
strany Československa).

BOUKAY, J.

Importance of postgraduate education in a socialist society.
Gos. lek. zhurn. 1973 no. 52:11410-11411 D 25 '64

BOUSKA, J., MUDr.; BOUKAL, J., MUDr.

Problems of a complex network of health institutions. Cesk. zdrav.
13.no.3:97-108 Mr'65.

1. Namestek ministra zdravotnictvi (for Bouska). 2. Zdravotnický
odbor UV KSC (for Boukal).

S/020/62/142/005/017/022
B110/B101

AUTHORS:

Kargin, V. A., Academician, Kozlov, P. V., Boukhal, K., and
Bakeyev, N. F.

TITLE:

Recrystallization of polycaproamide under the influence of
mechanical actions

PERIODICAL:

Akademiya nauk SSSR. Doklady, v. 142, no. 5, 1962, 1084 - 1085

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TEXT: The effect of mechanical action on the structure of polycaproamide
obtained by bulk polymerization at 195°C of caprolactam in the presence of
Na metal and acetyl caprolactam was studied. To remove the monomer, a
7 cm long block (1.5 cm in diameter) was put into water of 60°C for 2 weeks,
then dried at 10 mm Hg for 3 months. The molecular weight was 14,000.
The blocks were cooled in liquid nitrogen, broken up, and investigated
with a metallographic MIM-8 (MIM-8) microscope. Coarse spherulites of
~0.1 mm diameter are formed in the polycaproamide block at < 190 - 195°C
(melting point) during polymerization. The blocks were (a) cold rolled,
and (b) hammered. For (a), 3 x 1.5 x 0.5 cm platelets were rolled for
then subjected to brittle fracture in liquid N₂, and investigated.

mosov) Lomonosova

Recrystallization of polycaproatamide ...

S/020/62/142/005/017/022
B110/B101

For (b), 0.5 cm high disks of 1.5 cm diameter were used. After cold rolling and 100-fold impact deformation, the spherulite structures disappeared, and rhombic pyramid structures were formed which reminded of the single crystals formed during polyamide crystallization from dilute solutions. This recrystallization is similar to the behavior of metals in cold rolling but takes place without heating of the sample owing to the low vitrification temperature of polycaproatamide. This proves that the recrystallization is not associated with the diffusion mechanism of the reconstruction of structure-forming macromolecules. There are 4 figures and 4 references: 3 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: P. H. Geil, J. Polymer. Sci., 44, 449 (1960).

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova
(Moscow State University imeni M. V. Lomonosov)

SUBMITTED: November 1, 1961

Card 2/2

RYASKOVSKAYA-FESENKOVA, Ye.V.; BOYKO, P.N.; BELYAK, G.M.; BOUKO, V.V.

Some data on the weakening and scattering of light at variable
altitudes above the sea level. Izv.Astrofiz.inst.AN Kazakh.
SSR 11:78-88 '61. (MIRA 14:3)

(Atmosphere)
(Light--Scattering)

TOROPOV, N.A.; BOUKOVA, A.I.; IYEVIN'SH, A.F. [Ievins, A.]; akademik
APINITIS, S.K.

Formation of solid solutions between tricalcium and tristrontium
silicates. Dokl. AN SSSR 137 no.4:882-884 Ap '61. (MIRA 14:3)

1. Institut khimii silikatov AN SSSR. 2. AN LatvSSR (for Iyevin'sh).
(Calcium silicate) (Strontium silicate)

BOVKUN, S.S.; DANCHUK, I.M.; BOGOSLOVSKAYA, L.N.

Manufacture of high density dinas bricks for glass furnaces. Ogneupory
29 no.6:244-248 '64. (MIRA 18:1)

1. Krasnoarmeyskiy dinasovyy zavod im. Dzerzhinskogo.

BOULANGER, J.

SCIENCE

Periodicals: STUDIA GEOPHYSICA ET GEODAETICA. Vol. 3, no. 1, 1959

BOULANGER, J. Swinging of the tripod of quartz gravimeters having a horizontal torsional thread. In German. p. 25.

**Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.**

Source: Mathematical Reviews. 1958 Vol 1 No.

BOUR, Karel

Use of composite machines in leatherware production. Kozarstvi
13 no.9:259 S '63.

1. Zavody Antonina Zapotockeho, n.p., Jaromer.

BOUR, Karel

Standardization and fashion. Kozarstvi 14 no. 6:2 of cover,
3 of cover Je '64.

MORARIU, Tiberiu; CONSTANTINESCU, Gherasim; NEGREANU, Elena;
LAZARESCU, Victor; POENARU, Ilie; ALEXEI, Olga; BOUREANU,
Camelia

"The Guidebook of Rumania." Natura Geografie 12 no. 6:
141-142 N-D '60.

1. Membru corespondent al Academiei R.P.R. Cluj (for Morariu,
Constantinescu.

CO

JOURNAL 98

The extreme content of the blood of the calf embryo.
Christos Bourantas (Univ. Tech. Sci., Budapest, Hun-
gary). *Közlemények Országosallátó Élet-Köri Könyvtá-
rban*, 32, 256-7(1944).—Examn. of blood of calf embryos
proved that the follicular hormone is not transmitted to
the embryo from the blood of the cow. István Finálv

11 F

OPEN

MATERIALS MORE

COMMON VARIANTS MORE

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

RECON: BOWJRY

BILLIST ONE GNY 151

SATURD 111 QNY DSE

RECON: BOWJRY

BILLIST ONE GNY 151

BOURGIN, D.

Fixed points on neighborhood retracts. In English. p. 371.

REVUE DE MATHEMATIQUES PURES ET APPLIQUEES. JOURNAL OF PURE AND APPLIED MATHEMATICS. (Academia Republicii Populare Romine) Bucuresti. Rumania. Vol. 2, 1957.

Monthly List of East European Accessions (EEAL) LC. Vol. 9, no. 1, January 1960.

UNCL

OGNYANOV, I. [Ognianov, I.]; MIHAILOV, M. [Mikhailov, M.]; BOURGOUDJIEV,
Z. [Burgudzhiev, Z.]

Method for quantitative determination of germacrones in *Geranium
macrorrhizum* L. oil. Doklady BAN 16 no.5:517-520 '63.

1. Institute of Organic Chemistry, Bulgarian Academy of Sciences,
Sofia. Submitted by Academician D. Ivanov.

BOURGOUDJIEV, Z. [Bargudzhiev, Z.]

Method for determining activation enthalpy in chemical reactions.
Doklady BAN 17 no.11:1031-1034 '64.

1. Faculty of Physics of the Sofia University, Sofia. Submitted
July 11, 1964.

BOUS, A.A.; BRITAYEV, M.D.; GRECHUKHIN, N.A.; KREYTER, V.M., glavnyy red.;
SHATALOV, Ye.T., red.; YEROFYEV, B.N., red.; ZENKOV, D.A., red.;
KRASHNIKOV, V.I., red.; NIFONTOV, R.V.; SMIRNOV, V.I., red.;
KHRUSHCHOV, N.A., red.; YAKZHIN, A.A., red.; PROKOF'YEV, A.P., red.;
NEMANOVA, G.F., red.isd-va; PEN'KOVA, S.L., tekhn.red.

[Prospecting for beryllium, tantalum, and niobium deposits] Razvedka
mestorozhdenii berillia, tantala i niobia. Moskva, gos. nauchn.-
tekh, uzd-vo literatury po geologii i okhrane neдр. 1957 94 p.
(Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo
syr'ia. Metodicheskie ukazaniia po proizvodstvu geologo-razvedochnykh
rabot, no.2). (MIRA 11:3)

(Ore deposits) (Prospecting)

BOUS, A.K.

Grape weevil *Coenorrhinus vitis* T.-M. (Coleoptera, Attelabidae)
in the Maritime Territory. Ent. obes. 38 no.2:363-364 '59.

(MIRA 12:7)

(Maritime Territory--Weevils)
(Grapes--Diseases and pests)

USSR / General and Special Zoology. Insects. Harmful P
Insects and Arachnids. Pests of Fruit and Berry
Cultures.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64105.

Author : Bous, A. M.; Khunov, A. N.; Goryunov, V. N.
Inst : Not given.
Title : An Experiment in the Use of Insecticidal Smoke
Pots in the Control of the Plum Moth.

Orig Pub: Zashchita rast. ot. vredit. i bolezney, 1957,
No 4, 16.

Abstract: The Southern Station of Plant Protection carried
out the fumigation of nine hectares of plum plant-
ings with smoke pots of BHC G-17 during the mass
flight of the moths: once, against the first
generation; twice, against the second, and once
against the third. A single outlay is four pots

Card 1/2

USSR / General and Special Zoology. Insects. Harmful P
Insects and Arachnids. Pests of Fruit and Berry
Cultures.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64105.

Abstract: one hectare on the fruit. Already after 24 hours, neither odor nor aftertaste of SHC was perceptible. The numbers of the predatory mite tifylodromus increased gradually. The crop amounted to 35 c/ha; of these 92% were of the first quality; 40% were in the control. The cost of a fourfold fumigation is 360 rubles per one hectare. 2000 rubles and 20 labor days are expended on the usual fourfold spraying with toxic chemicals. -- A. P. Adrianov.

Card 2/2

BOUSA, B.

Socialist competition in Velke Popovice in the first quarter of 1964. Kvasny prum 10 no. 6:139-140 Je '64.

BOUSA, J.; Vrbsky, J.

"Experience of the State Power Inspection in checking electric-power consumption in factories."

ENERGETIKA, Praha, Czechoslovakia, Vol. 5, no. 3, March 1955

Monthly List of East European Accessions Index (EEAI), Library of Congress,
Vol. 8, No. 8, August 1959

Unclassified

BOUSE, K.

"Mounting and the new spring system of the guiding wheel of the DT-5h tractor."

MECHANISACE ZEMEDELSTVI, Praha, Czechoslovakia, Vol. 9, No. 7, July 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

BOUSEK, O

Toward higher yields and increased labor productivity in agriculture through standardization of seeds and seedlings. p. 227.

Vol. 4, no. 10, Oct. 1955
NORMALISACE
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5 No. 4 April 1956

POUSEK, O.

Enforcement of Czechoslovak standards on collective farms and state farms. p.204. NORMALISACE. (Urad pro normalisaci) Praha. Vol. 5, no. 9, Sept, 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress Vol. 5, no. 12, December 1956.

BOUSEK, O.

Problems of standardizing technologic processes and creating standard specifications in agriculture. p. 103. (Normalisace, Vol. 6, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

BOUSEK, Otakar, inz. KRALICKOVA, Hana

List of the Czechoslovak and foreign technical standards in
agriculture. Normalizace 11 no.9: Supplement: Zahranicni normy
z oboru zemedelstvi no.9:1-40 '63.

BOUSEK, Otokar, inz.; KRALICKOVA, Hana

International standardization cooperation in agriculture.
Normalizace 11 no.9:306-308 S '63.

BOUSEK, Otakar, inz.

Meeting of the No.3 Subcommittee of Fruit and Vegetables of
Technical Committee No.34 of the International Organization of
Standardization in Prague, October 1964. Normalizace 13 no.4:
138 Ap '65.

1. Office of Standardization and Measurement, Prague.

LAPSHIN, A.; BOUSHEV, T.; NIKOLAYEV, L.

Study of heat exchange in thinlayer tubular heat exchangers
with rotary turbulent flow displacement baffles. Mas. ind.
SSSR 30 no.3:22-24 '59. (MIRA 12:9)

Leningradskiy tekhnologicheskii institut kholodil'noy
promyshlennosti.

(Oils and fats, Edible)
(Heat--Transmission)

BOUSHEV, T. A.

Gorizontaĭ 'nyye frizery periodicheskogo deystviya (Horizontal batch freezers) Moskva, Pishchepromizdat, 1953.

61 p. illus., diagrs., tables.

SO: N/5
662.42
.b7

BOUSHEV, T. A.

Gorizontal'nyye frizery periodicheskogo deystviya (Periodic Action Horizontal Freezers),
Gizlegpishcheprom.

The brochure describes the design of periodic action horizontal freezers (apparatus for making ice cream), and gives rules for their use, and for accident prevention.

A manual for training mass production cadres.

SO: Sovetskiye knigi (Soviet Books), No. 166, 1953, Moscow, (U-6472)

BOUSHEV, T.A., kand. tekhn. nauk.

Heat indices of the ice cream mixture and of ice cream. Trudy LTIKHP
5:80-87 '54. (MIRA 11:3)

(Ice cream)

BOUSHEV, T.A.; DEZENT, G.M.; GORBUNOV, M. retsentsent; SURKOV, V.,
~~redaktor~~; AKIMOVA, L.D., redaktor; GOTLIB, E.M., tekhnicheskii
redaktor.

[Equipment for manufacturing ice cream] Oborudovanie dlia
proizvodstva morozhenogo. Moskva, Pishchepromizdat, 1955. 136 p.
(Ice cream industry) (MLRA 8:12)

DEZENT, German Moiseyevich; BOUSHEV, Tikhon Alekseyevich; MASLOVA, Ye.F.,
red.; BRODSKIY, M.P., tekhn. red.

[Equipment and production lines in the ice cream industry] Obo-
rudovanie i potochnye linii dlia proizvodstva morozhanogo. Mo-
skva, Gos. izd-vo torg. lit-ry, 1961. 215 p. (MIRA 14:10)
(Ice cream industry—Equipment and supplies)

KRUPIN, Grigoriy Vasil'yevich, prof.; VASIL'YEV, P.V., inzh., retsenzent;
BOUSHEV, T.A., kand. tekhn. nauk, red.; SIMONOVSKIY, N.Z., red.
izd-va; PETERSON, M.M., tekhn. red. (MIRA 15:10)

[Processing equipment for the manufacture of protein dairy
products] Tekhnologicheskoe oborudovanie dlia proizvodstva bel-
kovykh molochnykh produktov. Moskva, Mashgiz, 1962. 256 p.
(MIRA 15:10)

(Dairy plants—Equipment and supplies)

KRUPIN, G.V., prof.; LUK'YANOV, N.Ya., dots.; TARASOV, F.M., dots.;
BOUSHEV, T.A., dots.; SHUVALOV, V.N., dots.; VASIL'YEV, P.V.,
inzh.; KUZNETSOV, V.I., inzh., retsenzent; SURKOV, V.D.,
prof., retsenzent;

[Technological equipment of dairy industry enterprises] Tekhnologicheskoe oborudovanie predpriatii molochnoi promyshlennosti. [By] G.V. Krupin dr. Izd. 3., perer. Moskva, Izd-vo "Mashinostroenie," 1964. 355 p. (MIRA 17:8)

1. Kafedra tekhnologii moloka Moskovskogo tekhnologicheskogo instituta myasnoy i molochnoy promyshlennosti (for Surkov).

BOURBAKI, Nicolas, pseud.; KRACHKOVSKIY, S.N.[translator]; RAYKOV,
D.A., red.

[General topology; basic structures] Obshchaia topologiya;
osnovnye struktury. Pod red. D.A.Raikova. S predisl. P.S.
Aleksandrova. Moskva, Gos.izd-vo fiziko-matem. lit-ry, 1958.
324 p. (MIRA 14:12)

(Topology)

~~BOURBAKI~~, Nicolas, pseud.; KRACHKOVSKIY, S.N.[translator]; RAYKOV, D.A.,
red.

[General topology; groups and spaces related to numbers] Ob-
shchaya topologiya; chisla i svyazannye s nimi gruppy i pro-
stranstva. Pod red. D.A.Raikova. Moskva, Gos.izd-vo fiziko-
matem.lit-ry, 1959. 247 p. (MIRA 14:12)
(Topology)

BOUSA, J.

Economical use of electric power. p. 538.

ENERGETIKA. Praha, Czechoslovakia. Vol. 9, no. 10, Oct. 1959.

Monthly list of East European Accessions (EEAI). LC. Vol. 9, no. 2, Feb. 1960
Uncl.

BOUSHKA, Vladimir [Bouska, Vladimir]; GONEK, Iozef [Honek, Josef]

Concentration of admixture elements in hard caustobioliths of
the coal row in some areas of Czechoslovakia. Min. sbor. no.16:
334-342 '62. (MIRA 16:10)

1. Institut poleznykh iskopayemykh, Karlov universitet, Praga.
(Czechoslovakia--Caustobioliths)

Bouska, A.

Kaolin insulation of silicon steel plates used in electric machines.
p. 165. ELEKTROTECHNIK. (Ministerstvo strojirenstvi) Praha.
Vol. 11, no. 5, May 1956.

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

L 33209-66 EWP(e) WH
ACC NR: AP6023825

SOURCE CODE: CZ/0017/65/054/012/0579/0586

AUTHOR: Bouska, Antonin (Engineer)

ORG: VUSE, Bechovice

TITLE: Model tests of insulation systems of large rotary machines

SOURCE: Elektrotechnicky obzor, v. 54, no. 12, 1965, 579-586

TOPIC TAGS: insulating material, electric insulation, heat insulation, machine industry, dielectric loss, corona discharge

ABSTRACT: Prior to the introduction of new insulating materials into practical application, accelerated tests were undertaken on models of insulation systems subjected to electrical, thermal and combined stresses. Eight insulation systems, from both current production and the development stage, were compared. The evaluation was carried out on the basis of the integral curves of probability of a breakdown, curves of service life in an electric field, and the course of changes of dielectric values during aging. The test results indicate the unsuitability of a paper base of insulating foils and of binders with solvents for the insulation of machines of higher voltage, as well as the need to protect the insulation system against corona discharge and the equivalence of appropriately manufactured materials of reconstructed mica with solvent-free binders and analogous materials made from split mica. Orig. art. has: 13 figures and 2 tables. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 13, 11 / SUM DATE: 15Oct64 / SOV REF: 002 / OTH REF: 001

Card 1/1

UDC: 621.313.001.572

BOUSA, B.

Socialist competition in the Velke Popovice brewery in
1963. Kvasny prum 10 no. 3: 67 Mr '64.

3(1)

H/004/60/10/001/027
D0023/D3001

AUTHOR: Bouška, Jiří, Doctor

TITLE: 15 Years of Our Astronomy ✓

PERIODICAL: Tudomány és Technika, 1960, Nr 10, pp 290-292

ABSTRACT: This is a historical review of the development of the Czech astronomy during the last 15 years. Czech astronomy is centered in the Ondřejov Observatory which is equipped with radiotelescopes and where, within the next five years, a 2-m reflecting telescope will be installed. Reference is also made to the Observatory at Skalná Fleso, now attached to the Slovakian Academy of Sciences, to the Brno University's Observatory, which has a 60-cm reflecting telescope equipped with a photoelectric photometer and to the Observatory of the Charles Univer-

Card 1/2

H/004/60/10/001/027
D0023/D3C01

15 Years of Our Astronomy

 sity in Prague. There are 40 public observatories
and 3 planetariums in the CSR. There are 5 photos
and 1 figure.

Card 2/2

3(1)

H/004/60/10/002/027
D0023/D3001

AUTHOR: Bouška, Jiří, Doctor

TITLE: The Other Side of the Moon ✓

PERIODICAL: Tudomány és Technika, 1960, Nr 10, pp 292-293

ABSTRACT: The article reviews briefly the most important events in interplanetary research during 1959 and describes the other side of the moon, as seen on the Soviet photo. This description is then compared to the theories which have been advanced during the last 50 years. There are 2 figures.

Card 1/1

BOUSKA, Jiri

Fluctuation of precipitations during the eleven-year sunspot period. Studia geophys 8 no.4:412-415 '64.

1. Astronomical Institute of the Charles University, Prague 5, Svedska 8.

BOUSKA, J.

Movement of structures in the Arend-Roland 1957 III comet tail.
Bul. astr. Cz. 15 no. 3: 113-114 '64.

1. Astronomical Institute, Charles University, Prague.

BOUSKA, Jan

Latitude dependence of characteristics of initial phase of
geomagnetic storm. *Studia geophys* 8 no. 2:192-195 '64.

1. Institute of Geophysics, Czechoslovak Academy of Sciences,
Prague 4 - Sporilov, Bocni II.

BOUSKA, J.
AMS/A+B

POOR COPY
RETYPE

12 111 551.576.3 551.590.21
Bouska, Jiří, Kolísání oblačnosti v Evropě a sluneční činnost. [Variations of cloud cover
in Europe and solar activity.]. *Meteorologické Zprávy*, 10: 10.76, 1950. 2 nos., 2 s. 11. DWB
Cloudiness data from 47 second order and 31 third order stations in Europe for 1923-1953
from K. Ksoun) are correlated with solar activity (HUTCHINS) to show the similarity in phase,
if not in amplitude, of the variations from year to year after solar minima. *Tab. 1 Hutches*
1. Cloud variations 2. Solar activity. M-R.

BOUSKA, J.

Bouska, J.; Ruzickova, B.

"Enlargement And Form Of The Earth's Shadow During The Lunar Eclipse Of September 26, 1950." p. 14. (Biulleten Astronomicheskikh Institutov Czechoslovakii. Bulletin Of The Astronomical Institutes Of Czechoslovakia. Vol. 4, No. 1, Feb. 1953, Praha.)

Vol. 3, No. 3.

SO: Monthly List of East European Accessions, Library of Congress, March 1954, Undl.

ECUSKA, J.

"Observations Of Occultations Made At The Astronomical Observatory Of Prague University In 1952." p. 100. (Biulleten Astronomicheskikh Insitutov Chexhoslovakii. Bulletin Of The Astronomical Institutes Of Czechoslovakia. Vol. 4, No. 4, July 1953, Praha.)

Vol. 3, No. 3.

SO: Monthly List of East European Accessions,/Library of Congress, March 1954, Uncl.

BOUSKA, J.

"Cometary Study. X. The Absolute Brightness Of Comets
1950b, 1951a, And 1951b." p. 119. (Biulleten
Astronomicheskikh Institutov Chekhoslovakii. Bulletin
Of The Astronomical Institutes Of Czechoslovakia.
Vol. 4, No. 5, Sept. 1953, Praha.)

Vol. 3, No. 3.

SO: Monthly List of East European Accessions. / Library of Congress, March 1954, Uncl.

BOUSKA, J.

"Orbit of the Quadrantids." p. 165. (Biulleten Astronomicheskikh Institutov
Chexhoslovaki. Bulletin of the Astronomical Institutes of Czechoslovakia.
Vol. 4, no. 6, Dec. 1953. Praha.)

SO: Monthly List of East European Vol. 3, No. 6
Accessions, Library of Congress, June ⁴ 1951, Uncl.

BOUSKA, J.

BOUSKA, J.; LINK, F.; LINKOVA, Z. "Ephemerides of Lunar Eclipses of 1954." p. 170.
(Biulleten Astronomicheskikh Institutov Chekhoslovakii. Bulletin of the Astronomical
Institutes of Czechoslovakia. Vol. 4, no. 6, Dec. 1953. Praha.)

SO: Monthly List of East European Vol. 3, No. 6
Accessions, Library of Congress, June 195⁴, Uncl.

BOUSKA, J.

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SO: East European Accessions List, Vol 3, No. 8, Aug 1954.

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1. Astronomical Institute of the Charles University, Prague.
(Occultations)

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Distribution of the geomagnetic field in Bohemia and Moravia-Silesia
(Epoch 1950, 07. p. 173.
(GEOFYSIKALNI SBORNIK, No. 20/35, 1955 (published 1956), Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

BOUSKA, J.

"Occurrence of the genus Protaxocrinus Springer (Crinoidea) in the Silurian of Bohemia."

SBORNIK, ODDIL PALEONTOLOGICKY, Praha, Czechoslovakia, Ustredni ustav geologicky.
Vol. 22, 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959
Uncl.

BOUSKA, J.; BODLAK, K.

International geomagnetic comparative measurements in the years 1953 and
1954. p. 1

Vol. 65, no. 12, 1955
RADA MATEMATICKO-PRIRODOVEDECKA
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, 1956

BOUSKA, J.

Results of geomagnetic measurements at the Prudhonice Observatory near
Prague in 1953. p. 9

Vol. 65, no. 12, 1955
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Praha, Czechoslovakia

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RUDY

TECHNOLOGY

Praha, Czechoslovakia

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BOUSKA, J.

Partial eclipse of the moon, August 5, 1952. p. 63. (CASOPIS CESKOSLOVENSKYCH
USTAVU ASTRONOMICKYCH, Vol. 6, No. 4, 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

BOUSKA, J.

A method of geomagnetic prospecting by a new type of field magnetometer.
In Russian.

P. 639, (Geofysikalni Sbornik) Ceased publications. No. 36/60, 1956 (Published 1957)
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

BOUSKA, JAN.

Resultaty geomagnetnykh, tellurisheskikh i ionosfernykh izmerenii, provedennykh v observatoriakh Pruhonice, Budkov i Panska Ves v 1957 godu. (Izd. 1.)

Praga, Czechoslovakia, Izd-vo Chekhoslovatskoi akademii nauk, 1959.
306. p.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
Uncl.

BOUSKA, J.

SCIENCE

Periodicals: STUDIA GEOPHYSICA ET GEODAETICA. Vol. 3, no. 1, 1959

BOUSKA, J. Geophysical Institute of the Czechoslovak Academy of Sciences in its new building. In French. p. 99.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

CZ/2-59-5-8/33

AUTHOR: Bouška, Jan, Doctor

TITLE: International Conference on Rapid Changes in the Earth's Magnetic Field ✓

PERIODICAL: Věstník československé akademie věd, 1959, No 5, pp 588-589

TEXT: The conference took place on June 24 and 25, 1959 at the Geofyzikální ústav ČSAV (Geophysical Institute of the Czechoslovak Academy of Sciences) in Prague. The following scientists are mentioned: Professor A.G. Kalasnikov, Vicepresident of the International Association for Geomagnetism and Aeronomy (IAGA), and Doctor H. Schmidt from the Geomagnetic Institute in Potsdam. The purpose of the conference was the preparation of the international symposium about the rapid magnetic and telluric changes that was scheduled for September 1 - 4, 1959 in Utrecht, Holland. Further aim of the conference was to help to evaluate critically the planned task of the GÚ (Geophysical Institute) of ČSAV "The Research of the Earth's Magnetic Field and Its Changes, Particularly in Relationship to the Sun's Activity". A.G. Kalasnikov reported on international classification, research work, complex research and registration of KPV (rapid changes). He referred to the difficulty of processing a great number of re- ✓

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CZ/2-59-5-8/33

International Conference on Rapid Changes in the Earth's Magnetic Field

gistrations and pointed to the necessity of using modern evaluation methods. H. Schmidt (Geomagnetic Institute, Potsdam), reported on the state and the perspectives of the research of rapid changes in GDR. G. Barta (R. Eötvös Geophysical Institute in Budapest) reported on the research of the energetic relationship between the wave and the corpuscular radiation. Further scientists and their reports are mentioned: Doctor J. Bouska, "Geomagnetic Storms"; J. Pečova and J. Halenka, "The Links between the Pulsation of the Earth's Magnetic Field and the Sun's Activity"; M. Končny, "Processing of Some Results of Geomagnetic Pulsations"; J. Taer, "Automatic Methods of the processing of KPV (rapid changes)"; A. Plesinger, "Technical Equipment of the Ionosphere Stations in CSR"; J. Mrazek, "Results of the Observation of the Exospheric Whistles during MGR (International Geophysical Year)"; P. Triska, "Observation of Sudden Changes in a Low Ionosphere during Solar Eruptions"; J. Halenka, "Instrumental Equipment of the Heliogeophysical Group"; B. Bednářova, "Magnetic Storms with Sudden Beginning and Gradual Beginning from the Geophysical Point of View". The conference recommended measures of intensification and deepening of

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CZ/2-59-5-8/33

International Conference on Rapid Changes in the Earth's Magnetic Field

research into the rapid changes of the Earth's magnetic field and supported the idea of continuing collaboration on an international scale.

Card 3/3



BOUSKA, J.

Observation of accultations made at the university observatory of Prague during 1958. In English, p. 102.

BULLETIN OF THE ASTRONOMICAL INSTITUTES OF CZECHOSLOVAKIA. (Ceskoslovenska akademie ved. Astronomicky ustav) Praha, Czechoslovakia, Vol. 10, no. 3, May 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
Uncl.

BOUSKA, Jan, dr.

Our rapid variations of the magnetic field of earth. Vestnik CSAV 68
no.5:588-589 '59.

3.9100

82153

Z/023/60/000/03/04/007

AUTHOR: Bouška, Jan

TITLE: * Research into Short-Periodic Variations of the Earth's Electromagnetic Field at the Observatory of Budkov

PERIODICAL: Studia Geophysica et Geodaetica, 1960, No 3, pp 280 - 284

TEXT: The observatory at Budkov has 2 sections: The Geomagnetic section and the earth currents section. The observatory works mainly on the research into the pulsation characteristic of various phases of geomagnetic storms. The occurrence of pulsations during solar flare effects is investigated separately. As the traditional conception of pulsation characteristics of the main phases of geomagnetic storms and of the tail ends of storms is partly obsolete nowadays, studies in this respect were undertaken at Budkov observatory. So far research work is in state of qualitative and quantitative analyses. Partial results can be expected by 1960. Research into pulsations accompanying bay disturbances was also carried out. Because of accumulation of recordings, the problem of automatic evaluation instruments was taken up. There are 4 figures, 4 tables and 8 references: 7 Czech and 1 Japanese.

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*Original in English language

✓

82153
Z/023/60/000/03/04/007

Research into Short-Periodic Variations of the Earth's Electromagnetic
Field at the Observatory of Budkov

ASSOCIATION: Geophysical Institute, Czechoslovak Academy of Sciences, Prague

SUBMITTED: March 14, 1960

4x

Card 2/2

S/049/60/000/006/001/002
E090/E544

AUTHORS: ^{Jan} Bouska, F., Bukha, V. and Kochi, A.

TITLE: Geomagnetic Charts for Czechoslovakia for the Epoch 1958.0 ✓

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya,
1960, No.6, pp.798-808

TEXT: The first measurements of the Earth's magnetic field were commenced last century and by 1890 the first data on geomagnetic elements for Czechoslovakia were published. Between the two World Wars, the State Institute of Geophysics in Prague organized magnetic surveys and published, jointly with the Military Geophysical Institute, isogonic charts. A basic geomagnetic grid of 161 first-order stations was established between 1946 and 1953. Measurements have been "tied in" to international stations and a geomagnetic map of Central Europe envisaged. Continuously recording apparatus has been established at observatories at Pruhonice and Hurbanovo. ✓ Nine stations are measuring secular variations in the geomagnetic field. The mean annual variation in magnetic declination varies from 7° in the west to 5° in the east.

Card 1/2

S/049/60/000/006/001/002
E090/E544

Geomagnetic Charts for Czechoslovakia for the Epoch 1958.0

Small annual variations in the horizontal and vertical components have been established. Geomagnetic maps of Czechoslovakia on a cylindrical Mercator projection on a scale 1:1 250 000 have been completed for the epoch 1958.0, they were based on measurements at 294 stations. The various data will be used as the basis of an aeromagnetic survey of the country. The paper includes 5 maps of the various geomagnetic elements in Czechoslovakia together with a representative list of publications summarizing the historical sequence of measurements of these elements. There are 6 figures and 30 references: 23 Czech, 1 Hungarian, 6 German.

ASSOCIATION: Chekhoslovatskaya akademiya nauk
(Czechoslovak Academy of Sciences)

SUBMITTED: November 3, 1959

Card 2/2

39120

26910
Z/023/61/000/002/006/007
A207/A126

AUTHOR:

Bouška, Jan

TITLE:

Research into the pulsation characteristics of the different phases of geomagnetic storms with particular regard to sudden commencements

PERIODICAL: Studia Geophysica et Geodaetica, no. 2, 1961, 179-183

TEXT: Research into geomagnetic pulsations of storms has been undertaken by the author and colleagues at the Geophysical Institute, Prague, based on magnetograms obtained at the Budkov Observatory (Czechoslovakia). Special attention was given to the study of the temporary microstructure of geomagnetic storms. It is pointed out that the sfe is taken as the first phase of a geomagnetic storm, if the total geomagnetic effect of a chromospheric flare is considered in its broad sense (Ref. 1, Y. Kato: Investigation on the Geomagnetic Rapid Pulsation. The manuscript was presented to the Intern. Symposium on Rapid Geomagnetic Variations held at Utrecht on 1-4 September 1959.) If only the corpuscular radiation effects are regarded as geomagnetic storms in the narrow sense, the sfe's Card 1/ 4

Research into the ...

26910
Z/023/61/000/002/006/007
A207/A126

have a prognostic significance in some cases (Ref. 2, J. Veldkamp: On the current system of solar-flare effects. J. of Atm. and Terrest. Physics, Vol. 18, Nos. 2/3, Perg. Press 1960). The first expression of the geoactivity of corpuscular radiation - the sudden commencement of a geomagnetic storm ssc- follows after the ssc on the magnetograms with some delay. The author states that when investigating the phenomena appearing during the sudden commencement of a geomagnetic storm, recordings, which are run at normal speed, cannot be used except as an indication that a sudden commencement has occurred. This research must be based on rapidly run records of the LaCour type (Ref. 3, J. Bouška: Research into short-periodic variations of the Earth's electromagnetic field at the observatory of Budkov. Studia geoph. et geod. 4 (1960), 3.) The records of the Budkov Observatory were used to elaborate the records of geomagnetic storms from 1958 to 1960, so that the results could be used to estimate the length of the Isc and to study the occurrence of short-period variations in the course of the Isc. The author states that in many cases geomagnetic pulsations, which disappear after a few minutes, are observed on the rapid-run recordings simultaneously with the sudden

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commencement, or immediately after it, particularly during daytime. It is mentioned that V.G. Dubrovskij has compiled a table of the frequency of occurrence of such pulsation periods without giving the time they occurred. It is pointed out that before choosing such pulsations, the interval I_{sc} must be determined and in the investigation only those should be taken into consideration which occur during this interval. The records of the Budkov Observatory were further used to study the dependence of the pulsation period in the I_{sc} interval on the daily period. The results show longer periods in the daytime than at night, but the dependence requires detailed investigation using a larger number of first-class recordings. The I_{sc} is said to be followed by a period of calm, sometimes lasting for a few minutes or for several hours. The main phase then follows, distinguished by a large decrease in the H component and an increase in the values of Z. The author mentions the work of V.A. Troitskaya and M.V. Mel'nikova as being the most valuable contribution to the study of characteristic intervals with diminishing pulsation periods of the electromagnetic field of the Earth and their relations to phenomena in the outer atmosphere. It is finally pointed out that the above-

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Research into the ...

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A207/A126

mentioned problem is one of a new scientific sub-division research into the time microstructure of the Earth's electromagnetic field, requiring new instruments and methods of evaluation, using solar, ionospheric, auroral and other data. There are 6 figures and 6 references: 4 Soviet-bloc and 2 non-Soviet-bloc.

ASSOCIATION: Geophysical Institute, Czechosl. Acad. Sci., Prague

SUBMITTED: November 15, 1960

Card 4/4

BOUSHKA, Jan [Bouska, Jan]; KOCHI, Alois [Koci, A.], kand. fiz-mat. nauk, inzh.;
MRAZEK, Irzhi [Mrazek, Jiri]; SHUBRT, Yaroslav
[Subrt, Jaroslav]; RUPREKHTOVA, Libushe [Ruprechtova,
Libuse], inzh., retsenzent; KRZHIVSKI, Ladislav
[Krivsky, Ladislav], retsenzent; BEGOUNEK, Rudol'f
[Behounek, Rudolf], prof., nauchnyy red.; TRZHISKOVA,
Lyudmila [Triskova, Ludmila], inzh., nauchnyy red.

[Results of geomagnetic, telluric, and ionospheric observa-
tions conducted at the observatories of Pruhonice, Budkov,
and Panska Ves in 1959] Rezul'taty geomagnitnykh, telluri-
cheskikh i ionosfernykh izmerenii, provedennykh v observa-
toriyakh Prugonitse, Budkov i Panska Ves v techenie 1959
goda. Prague, Izd-vo Chekhoslovatskoi Akad. nauk, 1962.
742 p. (MIRA 16:7)

1. Nachal'nik kollektiva Geomagnitnoy observatorii Prugonitse
[Pruhonice] u Pragi (for Kochi). 2. Nachal'nik ionosfernogo
otdela Geomagnitnoy observatorii Prugonitse [Pruhonice] u
Pragi (for Mrazek).

(Czechoslovakia--Geophysics--Observations)

BOUSKA, Jan

Aleksei Georgievich Kalashnikov; obituary. Studia geophys 6 no.4:
414-415 '62.

L 45363-66

ACC NR: AP6026466

SOURCE CODE: CZ/0092/66/017/002/0092/0094

AUTHOR: Bouska, J.

22
B

ORG: Astronomical Institute, Charles University, Prague

TITLE: Enlargement of the Earth's shadow during the lunar eclipse of 14 June 1965

SOURCE: CSAV. Byul astron inst Chekhoslov, v. 17, no. 2, 1966, 92-94

TOPIC TAGS: moon, lunar eclipse, earth, earth umbra, earth shadow, earth terminator, /6" Zeiss refractometer, /3" Zeiss refractometer

ABSTRACT: The author describes observations of a partial lunar eclipse on 14 June 1965, made under unfavorable weather conditions by himself (using a 3-in. Zeiss refractometer, x25) and P. Prihoda (using a 6-in. Zeiss refractometer, x50). The observation data were reduced by Kozik's method [Kozik, S. M., 1940, Bull. Tashkent Obs. Vol. II. no. 3 (13)], as were all previously observed

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ACC NR: AP6026466

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eclipses of the Moon. The enlargement of the Earth's shadow was computed from the observed contacts of lunar formations with the umbra and was found to be 1/40. Two figures in the original article illustrate the path of the Moon through the Earth's umbral shadow during the eclipse, and the positions of the Earth's terminator at the beginning and at the end of the observation. Orig. art. has: 2 figures, and 1 table.

[GC]

SUB CODE: 03, 20/ SUBM DATE: 00Mar66/ ORIG REF: 001/ SOV REF: 002/

Card 2/2 *amm*

BOUSKA, Jiri, MUDr.

The concept of therapeutic preventive care. I. Zdrav. aktuality
154:1-109 '63.

[illegible]

Card 1/8₂

L 41519-65
AM4045110

14

Ruml, Vladimir, (Candidate of Medical Sciences, Doctor); Sadil, Josef, (Doctor of Physiological Sciences); Sehnal, Ladislav; Stverak, Jiri, (Doctor); Svestka, Zdenek, (Doctor); Tuma, Jaroslav, (Candidate of Physical and Mathematical Sciences, Doctor); Tysl, Vaclav, (Docent, Engineer); Ulehla, Ivan, (Candidate of Technical Sciences, Professor, Doctor); Valnicek, Boris, (Candidate of Physical and Mathematical Sciences, Doctor); Vanysek, Vladimir, (Candidate of Physical and Mathematical Sciences, Docent, Doctor); Vlasak, Marian, (Candidate of Physical and Mathematical Sciences; Doctor); Voda, Miloslav, (Engineer)

Principles of astronautics (Zaklady kosmonautiky) Prague, Orbis, 1964. 445 p. illus., biblio. 5000 copies printed.

TOPIC TAGS: cosmonautics, rocket, satellite, space flight, missile 15

PURPOSE AND COVERAGE: This publication is a popular scientific reference book for people working in cosmonautics. The book presents a survey of cosmonautics and space flight up to 1 June 1963.

TABLE OF CONTENTS:

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BOUSKA, Jiri, MUDr.

New organizational regulations in the direction of public health.
Cesk. zdravot. 5 no.4:197-198 Apr 57.

1. Ministerstvo zdravotnictvi.
(PUBLIC HEALTH,
in Czech., organis. regulations (Cs))

BOUSKA, J.; JINDRICHOVA, J.; PACHNER, P.; SKRIBKOVA, B.; SVETKA, B.; TAUFROVA, M.

Tasks of regional health services in the care of workers. Cesk. zdravot
6 no.9:528-539 Sept 58.

(INDUSTRIAL HYGIENE

role of regional health serv. in care of workers (Cz))